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Sequence Listing could not be accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: markspencer

Timestamp: [year=2009; month=6; day=4; hr=14; min=40; sec=44; ms=14;]

=====

Reviewer Comments:

1.

W402 Undefined organism found in <213> in SEQ ID (119)

<210> 119

<211> 102

<212> DNA

<213> recombinant construct

* * * * *

For SEQ ID # 119, numeric identifier <213> can only be one of three choices, "Scientific name, i.e. Genus/species, Unknown or Artificial Sequence." Numeric identifier <213> may not be the name of a gene or protein. For all sequences using "Unknown or Artificial sequence", for numeric identifier <213>, a mandatory feature is required to explain the source of the genetic material. The feature consists of numeric identifier <220>, which remains blank and, numeric identifier <223>, which states the source of the genetic material. Suggest using "Artificial sequence" for numeric identifier <213> and "recombinant construct" for numeric identifier <223> in the mandatory feature. Please make all necessary changes.

2.

W402 Undefined organism found in <213> in SEQ ID (31)

W402 Undefined organism found in <213> in SEQ ID (32)

W402 Undefined organism found in <213> in SEQ ID (47)

W402 Undefined organism found in <213> in SEQ ID (48)

W213 Artificial or Unknown found in <213> in SEQ ID (49)

W213 Artificial or Unknown found in <213> in SEQ ID (50)

W213 Artificial or Unknown found in <213> in SEQ ID (51)
W213 Artificial or Unknown found in <213> in SEQ ID (52)
W213 Artificial or Unknown found in <213> in SEQ ID (53)
W213 Artificial or Unknown found in <213> in SEQ ID (54)
W213 Artificial or Unknown found in <213> in SEQ ID (55)
W213 Artificial or Unknown found in <213> in SEQ ID (56)
W213 Artificial or Unknown found in <213> in SEQ ID (57)
W213 Artificial or Unknown found in <213> in SEQ ID (58)
W213 Artificial or Unknown found in <213> in SEQ ID (59)
W402 Undefined organism found in <213> in SEQ ID (61)
W213 Artificial or Unknown found in <213> in SEQ ID (63)
W213 Artificial or Unknown found in <213> in SEQ ID (64)
W213 Artificial or Unknown found in <213> in SEQ ID (65)
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W213 Artificial or Unknown found in <213> in SEQ ID (67)
W213 Artificial or Unknown found in <213> in SEQ ID (68)
W213 Artificial or Unknown found in <213> in SEQ ID (69)
W213 Artificial or Unknown found in <213> in SEQ ID (70)
W213 Artificial or Unknown found in <213> in SEQ ID (71) This
error has occurred more than 20 times, will not be displayed

The warnings shown above are ok and require no response.

Application No: 10539992

Version No: 3.0

Input Set:**Output Set:**

Started: 2009-05-18 17:22:58.039
Finished: 2009-05-18 17:23:07.952
Elapsed: 0 hr(s) 0 min(s) 9 sec(s) 913 ms
Total Warnings: 43
Total Errors: 0
No. of SeqIDs Defined: 119
Actual SeqID Count: 119

Error code	Error Description
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W 402	Undefined organism found in <213> in SEQ ID (32)
W 402	Undefined organism found in <213> in SEQ ID (47)
W 402	Undefined organism found in <213> in SEQ ID (48)
W 213	Artificial or Unknown found in <213> in SEQ ID (49)
W 213	Artificial or Unknown found in <213> in SEQ ID (50)
W 213	Artificial or Unknown found in <213> in SEQ ID (51)
W 213	Artificial or Unknown found in <213> in SEQ ID (52)
W 213	Artificial or Unknown found in <213> in SEQ ID (53)
W 213	Artificial or Unknown found in <213> in SEQ ID (54)
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W 213	Artificial or Unknown found in <213> in SEQ ID (57)
W 213	Artificial or Unknown found in <213> in SEQ ID (58)
W 213	Artificial or Unknown found in <213> in SEQ ID (59)
W 402	Undefined organism found in <213> in SEQ ID (61)
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W 213	Artificial or Unknown found in <213> in SEQ ID (64)
W 213	Artificial or Unknown found in <213> in SEQ ID (65)
W 213	Artificial or Unknown found in <213> in SEQ ID (66)

Input Set:

Output Set:

Started: 2009-05-18 17:22:58.039
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Total Warnings: 43
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Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (68)
W 213	Artificial or Unknown found in <213> in SEQ ID (69)
W 213	Artificial or Unknown found in <213> in SEQ ID (70)
W 213	Artificial or Unknown found in <213> in SEQ ID (71) This error has occured more than 20 times, will not be displayed
W 402	Undefined organism found in <213> in SEQ ID (119)

SEQUENCE LISTING

<110> KURODA, Masaharu

<120> Plant with Reduced Protein Content in Seed, Method of
Constructing the Same and Method of Using the Same

<130> 59150-8035

<140> 10539992

<141> 2009-05-18

<150> PCT/JP2003/015753

<151> 2003-12-09

<150> JP 2002-369700

<151> 2002-12-20

<160> 119

<170> PatentIn version 3.3

<210> 1

<211> 617

<212> DNA

<213> Oryza sativa

<220>

<223> 13kD prolamine RM9

<400> 1

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cgtcggtgtt	atctgttat	gaatttgtac	atgtatgtat	tacaggagag	aaaaataaaag	540
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<210> 2

<211> 156

<212> PRT

<213> Oryza sativa

<220>

<223> 13kD prolamine RM9

<400> 2

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1				5			10			15					

Ala	Ser	Ala	Gln	Phe	Asp	Ala	Val	Thr	Gln	Val	Tyr	Arg	Gln	Tyr	Gln
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

20

25

30

Leu	Gln	Pro	His	Leu	Met	Leu	Gln	Gln	Gln	Met	Leu	Ser	Pro	Cys	Gly
35						40					45				
Glu	Phe	Val	Arg	Gln	Gln	Cys	Ser	Thr	Val	Ala	Thr	Pro	Phe	Phe	Gln
50						55				60					
Ser	Pro	Val	Phe	Gln	Leu	Arg	Asn	Cys	Gln	Val	Met	Gln	Gln	Gln	Cys
65					70				75						80
Cys	Gln	Gln	Leu	Arg	Met	Ile	Ala	Gln	Gln	Ser	His	Cys	Gln	Ala	Ile
					85				90						95
Ser	Ser	Val	Gln	Ala	Ile	Val	Gln	Gln	Leu	Arg	Leu	Gln	Gln	Phe	Ala
					100				105						110
Ser	Val	Tyr	Phe	Asp	Gln	Ser	Gln	Ala	Gln	Ala	Gln	Ala	Met	Leu	Ala
					115				120						125
Leu	Asn	Met	Pro	Ser	Ile	Cys	Gly	Ile	Tyr	Pro	Ser	Tyr	Asn	Thr	Ala
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Pro	Cys	Ser	Ile	Pro	Thr	Val	Gly	Gly	Ile	Trp	Tyr				
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<210> 3
<211> 601
<212> DNA
<213> *Oryza sativa*

<220>
<223> 13kD prolamins BM1

<210> 4
<211> 156
<212> PRT
<213> *Oryza sativa*

<220>
<223> 13kD prolamine BM1

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20          25          30
Leu Gln Ser His Leu Leu Leu Gln Gln Gln Val Leu Ser Pro Cys Ser
35          40          45
Glu Phe Val Arg Gln Gln His Ser Ile Val Ala Thr Pro Phe Trp Gln
50          55          60
Pro Ala Thr Phe Gln Leu Ile Asn Asn Gln Val Met Gln Gln Gln Cys
65          70          75          80

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Cys	Gln	Gln	Leu	Arg	Leu	Val	Ala	Gln	Gln	Ser	His	Tyr	Gln	Ala	Ile
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Ser	Ser	Val	Gln	Ala	Ile	Val	Gln	Gln	Leu	Gln	Leu	Gln	Gln	Val	Gly
							100				105			110	
Val	Val	Tyr	Phe	Asp	Gln	Thr	Gln	Ala	Gln	Ala	Gln	Ala	Leu	Leu	Ala
								115			120			125	
Leu	Asn	Leu	Pro	Ser	Ile	Cys	Gly	Ile	Tyr	Pro	Asn	Tyr	Tyr	Ile	Ala
								130			135			140	
Pro	Arg	Ser	Ile	Pro	Thr	Val	Gly	Gly	Val	Trp	Tyr				
							145			150			155		

<210> 5
<211> 766
<212> DNA
<213> *Oryza sativa*

<220>
<223> 13kD prolamine

<210> 6
<211> 149
<212> PRT
<213> *Oryza sativa*

<220>
<223> 13kD prolamine

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<400> 6
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20 25 30
Leu Gln Ser Pro Val Leu Leu Gln Gln Gln Val Leu Ser Pro Tyr Asn
35 40 45
Glu Phe Val Arg Gln Gln Tyr Gly Ile Ala Ala Ser Pro Phe Leu Gln
50 55 60
Ser Ala Ala Phe Gln Leu Arg Asn Asn Gln Val Trp Gln His Gln Ala
65 70 75 80
Gly Gly Gln Gln Ser Arg Tyr Gln Asp Ile Asn Ile Val Gln Ala Ile
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Ala Tyr Glu Leu Gln Leu Gln Gln Phe Gly Asp Leu Tyr Phe Asp Arg
100 105 110

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<210> 7
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<213> *Oryza sativa*

<220>
<223> 13kD prolamine

<210> 8
<211> 148
<212> PRT
<213> *Oryza sativa*

<220>
<223> 13kD prolamine

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<400> 8
Met Lys Ile Ile Phe Val Phe Ala Leu Leu Ala Ile Ala Ala Ala Cys Ser
1 5 10 15
Ala Ser Ala Gln Phe Asp Val Leu Gly Gln Ser Tyr Arg Gln Tyr Gln
20 25 30
Leu Gln Ser Pro Val Leu Leu Gln Gln Val Leu Ser Pro Tyr Asn
35 40 45
Glu Phe Val Arg Gln Gln Tyr Gly Ile Ala Ala Ser Pro Phe Leu Gln
50 55 60
Ser Ala Ala Phe Gln Leu Arg Asn Asn Gln Val Trp Gln Gln Leu Ala
65 70 75 80
Leu Val Ala Gln Gln Ser His Tyr Gln Asp Ile Asn Ile Val Gln Ala
85 90 95
Ile Ala Gln Gln Leu Gln Leu Gln Gln Phe Gly Asp Leu Tyr Phe Asp
100 105 110
Arg Asn Leu Ala Gln Ala Gln Leu Ala Phe Asn Val Pro Ser Arg Tyr
115 120 125
Gly Ile Tyr Pro Arg Tyr Tyr Gly Ala Pro Ser Thr Ile Thr Thr Leu
130 135 140
Gly Gly Val Leu

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<210> 9
<211> 650
<212> DNA
<213> *Oryza sativa*

<220>
<223> 13kD prolamine

4002 9

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attacagrraa	agacataaca	actagaatcc	taccaatcg	aagatccatt	tccatccat	180
tttccctgtc	gaatgtcgt	gttagccgtt	ttggccatgt	gtatgttata	ttcaagttta	240
caggcaataat	cagetgcagc	aacagatgt	tageccatgc	ggtgatgttc	taaggcagca	300
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agtcatcgac	cagcgtgtc	ggccaaacgt	caggatgtcc	ggccaaacgt	cttacatggca	420
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cttactgtat	caggcttcata	ctcaagccca	agctatgttg	ggccatccaaat	tgcgtccat	540
atggccatgtt	tacccaaatgt	acaaacactgt	ccctggaggat	cttacccgtc	gggttatctgt	600
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<210> 10

<211> 149

<212> PBT

<213> *Oryza sativa*

<220>

<400> 10

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Met Lys Ile Ile Phe Phe Ala Leu Leu Ala Glu Ala Ala Cys Ser
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20 25 30
Leu Gin Gln Gln Met Leu Ser Pro Cys Gly Glu Phe Val Arg Gin Gln
35 40 45
Cys Ser Thr Val Ala Thr Pro Phe Phe Gln Ser Pro Val Phe Gln Leu
50 55 60
Arg Asn Cys Gln Val Met Gln Gln Gln Cys Cys Gln Gln Leu Arg Met
65 70 75 80
Ile Ala Gln Gln Ser His Cys Gln Ala Ile Ser Ser Val Gln Ala Ile
85 90 95
Val Gln Gln Leu Gln Leu Gln Gln Phe Ser Gly Val Tyr Phe Asp Gln
100 105 110
Ala Gln Ala Gln Ala Gln Ala Met Leu Gly Leu Asn Leu Pro Ser Ile
115 120 125
Cys Gly Ile Tyr Pro Ser Tyr Asn Thr Val Pro Glu Ile Pro Thr Val
130 135 140
Gly Gly Ile Trp Tyr
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<210> 11

<211> 629

<212> DNA

<213> *Oryza sativa*

<220>

<223> 13kD prolamine

<400> 11

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atataacta	caatgtat	tcacatgtat	gtatgtat	gtatgtat	gtatgtat	180
gtatgtat	gtatgtat	gtatgtat	gtatgtat	gtatgtat	gtatgtat	240
gtatgtat	gtatgtat	gtatgtat	gtatgtat	gtatgtat	gtatgtat	300
atctatgtat	gtatgtat	gtatgtat	gtatgtat	gtatgtat	gtatgtat	360
gtatgtat	gtatgtat	gtatgtat	gtatgtat	gtatgtat	gtatgtat	420
cttggccat	atatgtat	tatatgtat	atatgtat	atatgtat	atatgtat	480
atatgtat	atatgtat	atatgtat	atatgtat	atatgtat	atatgtat	540
atatgtat	atatgtat	atatgtat	atatgtat	atatgtat	atatgtat	600
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<210> 12

<211> 158

<212> PRT

<213> Oryza sativa

<220>

<223> 13kD prolamine

<400> 12

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Ala Ser Ala Arg Phe Asp Ala Leu Ser Gln Ser Tyr Arg Gln Tyr Gln						
20	25	30				
Leu Gln Ser His Leu Gln Leu Gln Gln Gln Val Leu Ser Pro Cys Ser						
35	40	45				
Glu Phe Val Arg Gln Gln His Ser Ile Val Ala Thr Pro Phe Trp Gln						
50	55	60				
Pro Ala Thr Phe Gln Leu Ile Asn Asn Gln Val Met Gln Gln Cys						
65	70	75	80			
Cys Gln Gln Leu Arg Leu Val Ala Gln Gln Ser His Tyr Gln Ala Ile						
85	90	95				
Ser Ser Val Gln Ala Ile Val Gln Gln Leu Gln Leu Gln Val Gly						
100	105	110				
Val Val Tyr Phe Asp Gln Thr Gln Ala Gln Ala Gln Ala Leu Leu Ala						
115	120	125				
Leu Asn Leu Pro Ser Ile Cys Gly Ile Tyr Pro Asn Tyr Tyr Ile Ala						
130	135	140				
Pro Arg Ser Ile Pro Thr Val Gly Val Ser Gly Thr Glu Leu						
145	150	155				

<210> 13

<211> 603

<212> DNA

<213> Oryza sativa

<220>

<223> 13kD prolamine

<400> 13

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 caactacagt cgcacccctt actacagcaa caagtgcgtca gcccgtgcg tgagttcgta 180
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 ccatccatatac ttggatcttccactatc tatatgtgcctt ccaggaggat tgccactgtt 480
 gttgggtgtctt ggtatgtatc tgtaaactata taatagtgc tgatgtaaaa ataaaggat 540
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 cctt 603

<210> 14
 <211> 156
 <212> PRT
 <213> *Oryza sativa*

<220>
 <223> 13kD prolamine

<400> 14
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 Leu Gln Ser His Leu Leu Leu Gln Gln Val Leu Ser Pro Cys Ser
 35 40 45
 Glu Phe Val Arg Gln Gln Tyr Ser Ile Val Ala Thr Pro Phe Trp Gln
 50 55 60
 Pro Ala Thr Phe Gln Leu Ile Asn Asn Gln Val Met Gln Gln Gln Cys
 65 70 75 80
 Cys Gln Gln Leu Arg Leu Val Ala Gln Gln Ser His Tyr Gln Ala Ile
 85 90 95
 Ser Ile Val Gln Ala Ile Val Gln Gln Leu Gln Leu Gln Phe Ser
 100 105 110
 Gly Val Tyr Phe Asp Gln Thr Gln Ala Gln Ala Gln Thr Leu Leu Thr
 115 120 125
 Phe Asn Leu Pro Ser Ile Cys Gly Ile Tyr Pro Asn Tyr Tyr Ser Ala
 130 135 140
 Pro Arg Ser Ile Ala Thr Val Gly Gly Val Trp Tyr
 145 150 155

<210> 15
 <211> 601
 <212> DNA
 <213> *Oryza sativa*

<220>
 <223> 13kD prolamine

<400> 15
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 atataggccat atatggggc cttatggggc cttatggggc tttatggggc gtttggatgtt gtttggatgtt 180
 ataatggatc cttatggggc cttatggggc tttatggggc gtttggatgtt gtttggatgtt 240
 cttatggggc gtttggatgtt gtttggatgtt gtttggatgtt gtttggatgtt 300
 actaccaggat cttatggggc tttatggggc gtttggatgtt gtttggatgtt gtttggatgtt 360
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gcgggtgttt gtactgtatt ttccacaataat tgtagttcgg aagtaaaaat ataaagctcag 540
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c 601

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<212> PRT
<213> Oryza sativa

<220>
<223> 13kD prolamine

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1 Ala Thr Ala Gln Phe Asp Val Leu Gly Gln Asn Ile Arg Gln Tyr Gln
20 25 30
Val Gln Ser Pro Leu Leu Leu Gln Gln Val Leu Ser Pro Tyr Asn
35 40 45
Glu Phe Val Arg Gln Gln Tyr Ser Ile Ala Ala Ser Thr Phe Leu Gln
50 55 60
Ser Ala Ala Phe Gln Leu Arg Asn Asn Gln Val Leu Gln Gln Leu Arg
65 70 75 80
Leu Val Ala Gln Gln Ser His Tyr Gln Asp Ile Asn Val Val Gln Ala
85 90 95
Ile Ala His Gln Leu His Leu Gln Gln Phe Gly Asn Leu Tyr Ile Asp
100 105 110
Arg Asn Leu Ala Gln Ala Gln Ala Leu Leu Ala Phe Asn Leu Pro Ser
115 120 125
Thr Tyr Gly Ile Tyr Pro Trp Se